

SD 2014/2015 Influenza Weekly Summary

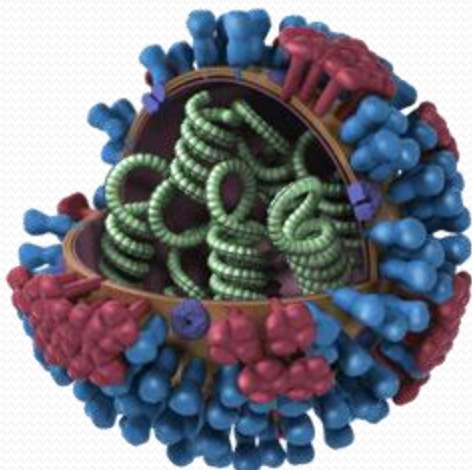
Week Ending November 22 (Week 47)



Lab Confirmed Cases	Nov 16-22	Season to Date
Type A, H1	0	0
Type A, H3	0	2
Type A, Unspecified	2	2
Type B Unspecified	0	1
B Yamagata	0	1
B Victoria	0	0
Total	0	6

Rapid Antigen Tests (39 sites reporting)	Nov 16-22	Season to Date
Total Tested	219	1,4670
Total Positive	9 (9A/0B)	68 (46A/22B)
% Rapid Antigen Tests Positive	4.1%	4.0%

	Nov 16-22	Season to Date
Hospitalizations	0	4
Deaths	0	0



3D Influenza Virus

SD Influenza Geographic Spread: **Sporadic**

SD Influenza Severity : **Minimal**

US Influenza Activity:

<http://www.cdc.gov/flu/weekly/fluactivitysurv.htm>

International Flu Activity: <http://www.cdc.gov/flu/weekly/intsurv.htm>

South Dakota Influenza information: <http://doh.sd.gov/Flu/>

Age distribution of influenza-associated deaths and hospitalizations, and confirmed* cases, South Dakota (cumulative to-date for 2014-2015 season).

Age Group	Deaths (%)	Hospitalized (%)	Confirmed* cases (%)
0-4 yrs	0	1 (25%)	1 (17%)
5-18 yrs	0	0	0
19-49 yrs	0	0	3 (50%)
50-64 yrs	0	1 (25%)	1 (17%)
>64 yrs	0	1 (50%)	1 (17%)
TOTAL	0	4	6

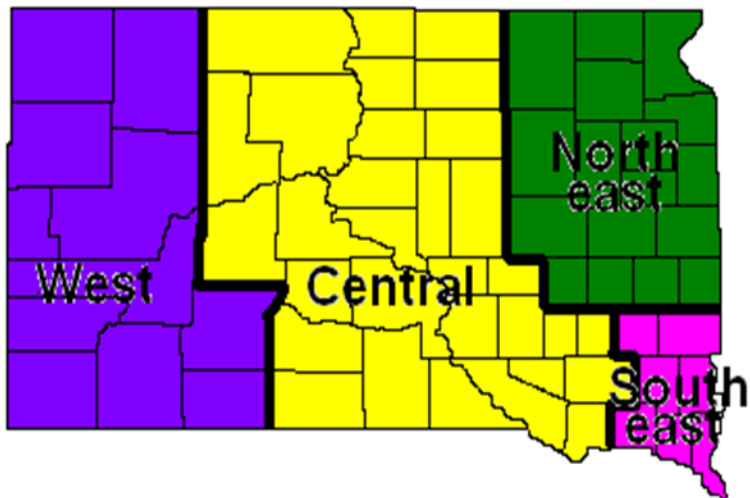
* Confirmed by PCR, culture or DFA



SD K-12 School Absenteeism due to illness

	All	W	C	NE	SE
# Schools Reporting	192	22	48	34	88
% Absent due to illness	1.9%	1.8%	2.2%	1.6%	2.3%

4 schools had >5% students absent (range 0 - 7% absent).



Cover Coughs and Sneezes. Clean Hands.

Be a germ stopper at school — and home. Cover your mouth and nose when you cough or sneeze. Use a tissue and throw it away.

Clean your hands a lot

- After you sneeze or cough
- After using the bathroom
- Before you eat
- Before you touch your eyes, mouth or nose

Washing hands with soap and water is best. Wash long enough to sing the "Happy Birthday" song twice. Or, use gels or wipes with alcohol in them. This alcohol kills germs!

Stop germs. And stop colds and flu.

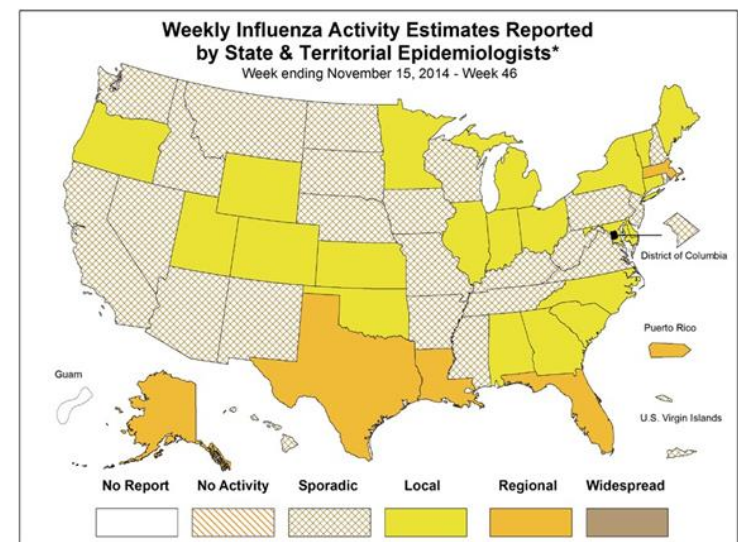


ILInet Surveillance

- ILInet is an outpatient visit surveillance system where providers report total number of patient visits and the number of patients that have Influenza Like Illness (ILI). ILI, fever $\geq 100^{\circ}$ F PLUS cough and/or sore throat). Regional baseline 1.3%
- SD ILInet providers: Aberdeen; Belle Fourche; Beresford; Brandon; Brookings; Buffalo; Canton; Chamberlain; Hot Springs; Ipswich; Mitchell (3); Pierre; Rapid City; Redfield; Sioux Falls (8); Summerset; Vermillion; Wall; Watertown; and Winner
- If you are a provider and your clinic is interested in becoming an ILInet provider please contact Vickie Horan @ 605-773-3737

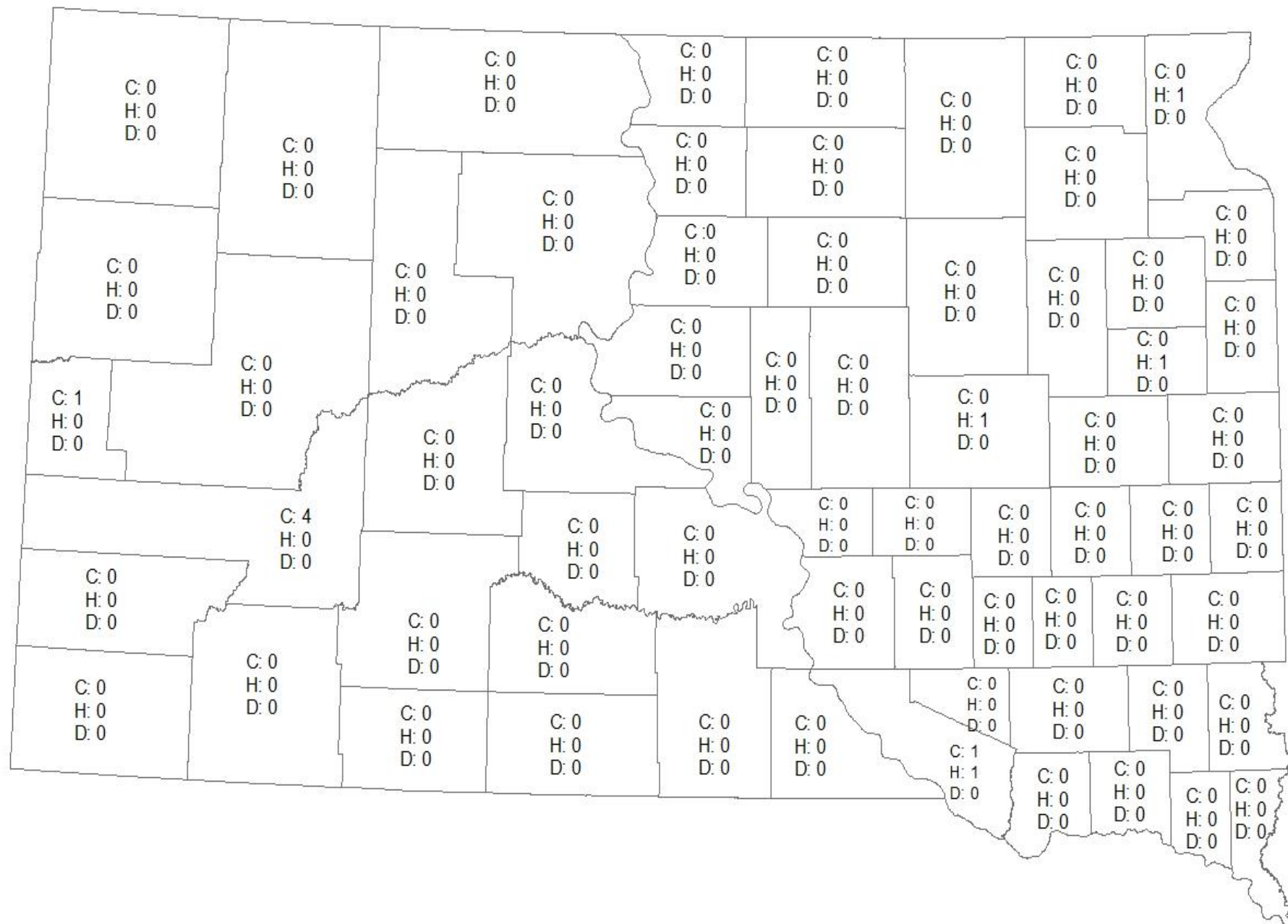
SD ILI Data for past 5 Weeks

WK	0-4	5-24	25-49	50-64	>64	Tot ILI	Tot PTS	% ILI
11/22	10	23	2	2	0	37	3607	1.02
11/15	15	20	3	0	2	40	5092	0.78%
11/08	11	32	7	2	0	52	5510	0.91%
11/01	13	12	8	5	0	38	5284	0.71%
10/25	14	32	8	7	2	63	5732	1.09%



* This map indicates geographic spread & does not measure the severity of influenza activity

2014-2015 Influenza Season Cumulative number of Confirmed Cases, Hospitalizations, and Deaths (Provisional)



A New Ounce of Prevention for You & Your Family

www.flunearyou.org

Flu Near You is a free, real-time disease tracking system that engages you, your family and your friends directly in flu prevention and gives you the knowledge to help everyone stay healthy. Flu Near You uses anonymous reporting to help promote flu prevention in your community and head off the spread of disease among your friends and loved ones.



How it Works

Becoming a flu fighter is simple, fast and confidential. Anyone 13 or older can go to www.flunearyou.org to sign-up.

You will get a weekly email with two questions: *Do you have any of the following 10 symptoms?* and *Have you had a flu shot?*

Flu Near You uses these reports to create a real-time map and graphs that show you the spread of flu across the country, right down to the zip code level.

The website has a lot of useful information including links to public health websites, information about the number of reports in your state, and places to get vaccinated.

This is just the first step in building a reporting system that can eventually extend beyond influenza to other communicable diseases in the U.S. and across the world.

It's an exciting prospect. But the big benefits only happen if we're all willing to join in.

Help spread the word, not the flu! www.flunearyou.org